

Title (en)

WIND POWER SYSTEM AND METHOD FOR CONTROLLING WIND POWER SYSTEM

Title (de)

WINDKRAFTSYSTEM UND VERFAHREN ZUR STEUERUNG DES WINDKRAFTSYSTEMS

Title (fr)

SYSTÈME D'ÉNERGIE ÉOLIENNE ET PROCÉDÉ DE COMMANDE D'UN SYSTÈME D'ÉNERGIE ÉOLIENNE

Publication

EP 3211223 A1 20170830 (EN)

Application

EP 17157731 A 20170223

Priority

JP 2016035264 A 20160226

Abstract (en)

A wind power system which is connected to an electric power system, the system includes a rotor 1 that rotates by receiving wind, a drive train 2 that transmits power of the rotor 1, and a control apparatus 6 that controls braking force applied to the drive train 2, in which the control apparatus 6 controls the braking force to negate a vibration which occurs in the drive train 2, in a case where a voltage decrease occurs in the electric power system, and the voltage decrease is recovered within a predetermined time.

IPC 8 full level

F03D 7/02 (2006.01)

CPC (source: EP)

F03D 7/0244 (2013.01); **F03D 7/0248** (2013.01); **F03D 7/0296** (2013.01); **Y02E 10/72** (2013.01)

Citation (applicant)

JP 2009523208 A 20090618

Citation (search report)

- [I] EP 2119910 A1 20091118 - ECOTECNIA EN RENOVABLES SL [ES]
- [I] US 2010133823 A1 20100603 - SCHRAMM SIMON HERBERT [DE], et al
- [I] US 2011140425 A1 20110616 - STAEDLER MARTIN [DE]
- [I] US 2012187683 A1 20120726 - WOHLLEB MATTHIAS [DE]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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